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Approved For Release 2002/11/20 : CIA-RDP78-06505A000600130003-4

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PROCUREMENT

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QUANTITY TAKE-OFF SHEET

Electrical Distribution

Date \_\_\_\_\_

Prepared by \_\_\_\_\_

Checked by \_\_\_\_\_

Electrical

Sheet 1 of 5

25X1A

Item	Quant.	Description
1		Transformer, Type QISC, 1Ø, 60 cycles, 2,400-120/240V, with 4-2 1/2% taps below normal and high voltage bushings.
1.1	3 Ea.	100 KVA G.E. - 2701AC6580
1.2	6 Ea.	75 KVA G.E. - 2701AC6575
1.3	1 Ea.	37 1/2 KVA G.E. - 2701AC6537
1.4	5 Ea.	25 KVA G.E. - 2701AC6525
1.5	5 Ea.	15 KVA G.E. - 2701AC6515
2		Fuse cutout, 5.2 kv., 10,000 A.I.C. enclosed type, hookstick operated.
2.1	10 Ea.	100 AMP. Westinghouse - 366C810G02
2.2	12 Ea.	50 AMP. Westinghouse - 632A100A04
3	21 Ea.	Lightning arrester, distribution class, enclosed valve type, 3 kv., Joslyn - J9211-VS.
4		Wires.
4.1	42,700 Ft.	Bare copper, No. 6 AWG., stranded, medium-hard-drawn.
4.2	300 Ft.	Service drop, No. 250 MCM, 600V, 90°C, WP, copper.
4.3	530 Ft.	Bare copper, No. 4 AWG., stranded, soft-drawn.
4.4	300 Ft.	Bare copper, No. 8 AWG., solid, medium-hard-drawn.
5	270 Ea.	Insulator, pin type, 1" pin hole, 5 kv., Joslyn - L223.
6	149 Ea.	Insulator, suspension type, 6" dia., 5 kv., Joslyn - L1510.
7	150 Ea.	Insulator, clevis type, 4" dia. Line Material - DEBS3.
8	21 Ea.	Insulator, guy strain, wet plastic porcelain process, 5 1/2" x 3 3/8", Joslyn - L506.
9		Pin, insulator, forged steel with 1" dia. lead threads.
9.1	240 Ea.	6 1/2" Shank, Joslyn - J625
9.2	22 Ea.	Short shank, Joslyn - J628

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Project Electrical Distribution  
Location \_\_\_\_\_  
Department Electrical

Date 10 May 1968  
Prepared by \_\_\_\_\_  
Checked by \_\_\_\_\_

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25X1A Item	Quant.		Description
10	145	Ea.	Strain clamp, envelope type, ultimate strength: 8,000 Lbs. for copper conductor, Joslyn -L4038
11	76	Ea.	Insulator, spool type, 3 1/8" dia. x 3", dry porcelain, brown color, Chance-255.
12			Secondary rack, galv. steel, extended back, 8"-spacing, medium duty.
12.1	10	Ea.	4-Spool type, Chance - 9448
12.2	12	Ea.	3-Spool type, Chance - 9438
13	150	Ea.	Clevis, Insulator, Line Material - DC3F4
14			Crossarm, treated wood, distribution, 5/8" pin holes.
14.1	15	Ea.	3 1/2" x 4 1/2" x 4'-0" long, Joslyn -J5929.
14.2	95	Ea.	3 1/2" x 4 1/2" x 5'-7" long, Joslyn -J5927
14.3	14	Ea.	3 1/2" x 4 1/2" x 8'-0" long, Joslyn -J5934
15	230	Ea.	Brace, galv. steel, 1 1/4" x 1/4" x 20" long, Chance-7120.
16	50	Ea.	Brace, double span, galv. steel, 1 3/4" x 1 3/4" x 3/16", 50" span, 18" drop, Joslyn-J1510
17	20	Ea.	Ground rod, 5/8" $\phi$ x 10'-0", copperclad steel, Joslyn-J8340
18			Machine bolt, galv. steel
18.1	40	Ea.	1/2" x 6" Chance - 8706
18.2	150	Ea.	1/2" x 8" Chance - 8708
18.3	20	Ea.	1/2" x 10" Chance - 8710
18.4	70	Ea.	1/2" x 12" Chance - 8712
18.5	40	Ea.	5/8" x 6" Chance - 8806
18.6	150	Ea.	5/8" x 8" Chance - 8808

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Project Electrical Distribution  
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 Department Electrical

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Item	Quant.	Description
18.7	75 Ea.	5/8" x 10" Chance - 8810
18.8	100 Ea.	5/8" x 14" Chance - 8814
18.9	75 Ea.	5/8" x 18" Chance - 8818
18.10	16 Ea.	3/4" x 12" Chance - 8912
18.11	20 Ea.	3/4" x 16" Chance - 8916
18.12	10 Ea.	3/4" x 18" Chance - 8918
18.13	20 Ea.	3/4" x 24" Chance - 8924
19		Double - arming bolt, full thread, galv., steel.
19.1	14 Ea.	5/8" x 16" Chance - 8866
19.2	150 Ea.	5/8" x 18" Chance - 8868
19.3	10 Ea.	5/8" x 20" Chance - 8870
19.4	30 Ea.	5/8" x 24" Chance - 8874
20	300 Ea.	Carriage bolt, galv., steel, 3/8" x 4 1/2", Joslyn-J8634 1/2
21		Lag screw, felter drive threaded, galv., steel.
21.1	200 Ea.	1/2" x 3" Joslyn -J8753
21.2	200 Ea.	1/2" x 4" Joslyn -J8754
22		Locknut, square M-F, galv., steel
22.1	250 Ea.	1/2" Bolt size Joslyn-J8582
22.2	800 Ea.	5/8" Bolt size Joslyn-J8583
22.3	350 Ea.	3/4" Bolt size Joslyn-J8584
23		Washer, galv., steel
23.1	350 Ea.	Square, 2" x 2" x 1/8", 9/16" hole Joslyn-J1073
23.2	1400 Ea.	Square, 2 1/4" x 2 1/4" x 3/16", 11/16" hole Joslyn - J1075
23.3	400 Ea.	Square, 2 1/4"x2 1/4" x 3/16", 13/16" hole Joslyn - J1076
23.4	300 Ea.	Round, 1" dia, 7/16" hole Joslyn -J1084
23.5	300 Ea.	Round, 1 1/4" dia., 9/16" hole Joslyn -J1085
23.6	100 Ea.	Square, 4"x4"x3/16", 13/16" hole Chance - 6818

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QUANTITY TAKE-OFF SHEET

Project Electrical Distribution

Date 10 May 1968

Location \_\_\_\_\_

Prepared by \_\_\_\_\_

Department Electrical

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Item	Quant.	Description
24	20 Ea.	Eyebolt, galv., steel, 5/8" bolt size, Chance-6501
25	35 Ea.	Extension link, drop-forged galv., steel 5/8" dia. x 8", Chance-5715.
26	22 Ea.	Angle steel, galv., 3" x 3" x 5/16", 1 1/4" dia. attach. hole 11/16" dia. mounting hole Chance-520.
27	250 Ea.	Connector, split-bolt with spacer, copper alloy No. 6 AWG. Blackburn - 6HPS.
28	25 Ea.	Angle thimble eye bolt, 5/8"x10", galv., steel Chance-5010
29	100 Ea.	Guy clamp, 6", 3-5/8" bolt, parallel groove galv., steel, Chance-6461.
30	25 Ea.	Anchor rod, thimble eye, 5/8" x 8'-0", threaded, galv., steel, Chance - 5318.
31	1,000 Ft.	Guy wire, galv., steel, 7-7/16" SM
32		Steel channel, 7", 9.8 Lbs. per Ft.
32.1	2 Ea.	12 Ft. long
32.2	2 Ea.	28 Ft. long
33	1,800 Ft.	PVC, rigid conduit, 1/2" dia.
34	120 Ft.	1/4" square reinforcing steel bar.
35		Fuse link for 100A and 50A, 5.2kv. enclosed cutout.
35.1	15 Ea.	8 AMP type T Westinghouse - 632A05A01
35.2	15 Ea.	15 AMP type T Westinghouse - 632A05A01

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Project Electrical Distribution

Date 10 May 1968

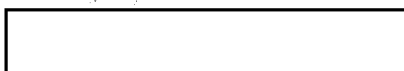
Location \_\_\_\_\_

Prepared by \_\_\_\_\_

Department Electrical

Checked by \_\_\_\_\_

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Item	Quant.	Description
35.3	10 Ea.	20 AMP. type T Westinghouse-632A055A01
35.4	15 Ea.	40 AMP. type T Westinghouse-632A059A01
35.5	12 Ea.	65 AMP. type T Westinghouse-632A060A01
36		<u>Busway Feeder Duct</u> shall be copper bus, 3-phase, 4-wire 100% neutral, 120/208 volt, 60-cycles, 1,500 Amp. Bus bars shall be plated, each fully insulated in a laminated weather-proof assembly. Minimum fault current capacity shall be 50,000 amps. at 208 volt symmetrical. Cross sectional dimension - approximately 4" x 12". U/L listed.
36.1	1 Ea.	Flange elbow-edge wise: Switchboard flange shall be as shown in Square D Catalog Section 5670 page 1 and 2 dated Oct. '66 to mate with the switchboard. Dimension from the flange to the centerline of the ell shall be 6" with an 18" standard leg. Square D #AF-516-LEB.
36.2	1 Ea.	Top box - service head: horizontal, flatwise service head with drilled insulating bottom plate. Cable lugs for 4-250MCM. copper cable per phase and neutral. Overall length - 56" with a 30 1/2" hood. Square D #AF-516-TDS.
36.3	1 Ea.	Wall flange: Square D #AF-516-WE.
37	5 Ea.	Pole bracket, forged steel, galv. steel, 4 1/2" extension from pole, 1" lead thread Chance-037.
38	100 Ea.	Connector, split-bolt with spacer, copper alloy, No. 250 MCM. Burndy - KSU29.

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Item	Quant.		Description	PRICE
10	145	Eq.	Strain clamp, envelope type, ultimate strength: 0,000 Lbs. for copper conductor, Joslyn -L4038	208
11	76	Eq.	Insulator, spool type, 3 1/8"dia. x 3", dry porcelain, brown color, Chance-255.	21.50
12			Secondary rack, galv. steel, extended back, 8"-spacing, medium duty.	
12.1	10	Eq.	4-Spool type, Chance - 9448	40
12.2	12	Eq.	3-Spool type, Chance - 9433	36
13	150	Eq.	Clevis, insulator, Line Material - DC3F4	105
14			Crossarm, treated wood, distribution, 5/8" pin holes.	
14.1	15	Eq.	3 1/2" x 4 1/2" x 4'-0" long, Joslyn -J5929.	30
14.2	95	Eq.	3 1/2" x 4 1/2" x 5'-7" long, Joslyn -J5927	276
14.3	14	Eq.	3 1/2" x 4 1/2" x 8'-0" long, Joslyn -J5934	56
15	220	Eq.	Brace, galv., steel, 1 1/4" x 1/4" x 20" long, Chance-7120.	94
16	50	Eq.	Brace, double span, galv., steel, 1 3/4" x 1 3/4" x 3/16", 60" span, 18" drop, Joslyn-J1510	187.50
17	20	Eq.	Ground rod, 5/8"Ø x 10'-0", copperclad steel, Joslyn-J8340	100
18			Machine bolt, galv., steel	
18.1	40	Eq.	1/2" x 6" Chance - 8705	6
18.2	150	Eq.	1/2" x 8" Chance - 8703	33.75
18.3	20	Eq.	1/2" x 10" Chance - 8710	4.80
18.4	70	Eq.	1/2" x 12" Chance - 8712	18.70
18.5	40	Eq.	5/8" x 6" Chance - 8806	9.50
18.6	150	Eq.	5/8" x 8" Chance - 8803	41.60



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Item	Quant.	Description	
24	200 Ea.	Eye nut, galv., steel, 5/8" bolt size, Chance-6501	96
25	35 Ea.	Extension link, drop-forged galv., steel 5/8" dia. x 8", Chance-5715.	70
26	22 Ea.	Angle steel, galv., 3" x 3" x 5/16", 1 1/4" dia. attach. hole 1 1/16" dia. mounting hole Chance-520.	13.90
27	250 Ea.	Connector, split-bolt with spacer, copper alloy No. 6 AWG. Blackburn - 6HPS.	83.50
28	25 Ea.	Angle thimble eye bolt, 5/8" x 10", galv., steel Chance-5010	17.10
29	100 Ea.	Guy clamp, 6", 3-5/8" bolt, parallel groove galv., steel, Chance-6461.	89
30	25 Ea.	Anchor rod, thimble eye, 5/8" x 8'-0", threaded, galv., steel, Chance - 5318.	56.60
31	1,000 Ft.	Guy wire, galv., steel, 7-7/16" SM	150
32.1	2 Ea.	Steel channel, 7", 9.8 Lbs. per Ft. 12 Ft. long	42
32.2	2 Ea.	23 Ft. long	98
33	1,800 Ft.	PVC, rigid conduit, 1/2" dia.	180
34	120 Ft.	1/4" square reinforcing steel bar.	30
35		Fuse link for 100A and 30A, 5.2kv. enclosed cutout.	9
35.1	15 Ea.	8 AMP type T Westinghouse-632A05A01	9
35.2	15 Ea.	15 AMP type T Westinghouse-632A054A01	

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